

## Storm Data and Unusual Weather Phenomena - May 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>KANSAS, Extreme Southeast</b>				
<b>CHEROKEE COUNTY --- 3.5 WNW HALLOWELL [37.18, -95.06], 2.7 S LAWTON [37.18, -94.62]</b>				
	05/08/09 05:40 CST		5M	Thunderstorm Wind (EG 78 kt)
	05/08/09 06:03 CST		0.50M	Source: NWS Storm Survey
A National Weather Service storm survey revealed that damaging winds impacted nearly all of Cherokee County . Widespread damage occurred in the form of downed power poles, uprooted trees, damaged structures, and damaged crops. More specifically, there were several structures that experienced roof damage while windows were blown out of both homes and automobiles. A 1000 foot transmission tower was also knocked down that was built on top of the Cherokee County court house. The Columbus High School football facilities experienced significant damage. The press box was destroyed while several power poles that lit the field were snapped or blown down. One home near Crestline experienced major structural damage. This damage appeared to of occurred from a microburst that produced a concentrated area of 90 mph winds. In Weir, the rodeo grounds and concession stand were completely destroyed, while the bath house in Scammon lost its entire roof. Several campers were also flipped over and damaged at an RV dealership in Columbus .				
<b>CRAWFORD COUNTY --- 1.7 WNW MC CUNE [37.35, -95.05], 0.4 NNW COOLIS [37.36, -94.63]</b>				
	05/08/09 05:40 CST		3M	Thunderstorm Wind (EG 74 kt)
	05/08/09 06:05 CST		0.50M	Source: NWS Storm Survey
Damaging wind gusts occurred across much of the southern half of Crawford County. Damage occurred to numerous structures, trees, power poles, and crops. The most concentrated damage occurred at Southeast High School where the roof of the gymnasium was torn off . The baseball, softball, and football fields all experienced damage as well. In the town of Cherokee, 130 structures were damaged altogether. In McCune, 63 structures were damaged, as well as six vehicles and two grain elevators at the Co-Op.				
<b>An intense squall line impacted extreme southeast Kansas and the Missouri Ozarks with mainly damaging winds. However, 21 tornadoes developed over southern Missouri while some large hail was observed. Due to the straight line nature of the winds, damage was widespread and intense.</b>				
<b>(KS-Z097) CRAWFORD</b>				
	05/08/09 08:00 CST		0	High Wind (MAX 61 kt)
	05/08/09 08:25 CST		0	
<b>Strong and damaging winds developed in the wake of an intense squall line. These non thunderstorm winds reached gusts to 90 mph resulting in damage to trees, power lines, and some structures.</b>				
<b>BOURBON COUNTY --- 3.0 N BRONSON [37.94, -95.07], 1.4 NNE REDFIELD [37.85, -94.87]</b>				
	05/13/09 18:20 CST		0.10M	Tornado (EF1, L: 12.62 mi , W: 300 yd)
	05/13/09 18:32 CST		0	Source: NWS Storm Survey
A National Weather Service storm survey revealed that an EF-1 tornado impacted rural sections of western Bourbon County. The tornado damaged five large hay barns, several outbuildings, and uprooted numerous trees. The wind speed was estimated at 90 mph.				
<b>BOURBON COUNTY --- 3.0 NNE BRONSON [37.94, -95.05]</b>				
	05/13/09 18:20 CST		0	Funnel Cloud
	05/13/09 18:20 CST		0	Source: Emergency Manager
A funnel cloud was observed by trained spotters approximately five miles southwest of Xenia.				
<b>BOURBON COUNTY --- 4.0 WNW XENIA [38.02, -95.05]</b>				
	05/13/09 18:21 CST		0	Hail (1.75 in)
	05/13/09 18:21 CST		0	Source: Storm Chaser
<b>BOURBON COUNTY --- 3.0 NNE BRONSON [37.94, -95.05]</b>				
	05/13/09 18:29 CST		0	Funnel Cloud
	05/13/09 18:29 CST		0	Source: Public
A funnel cloud was observed over northwest Bourbon County.				
<b>BOURBON COUNTY --- DEVON [37.92, -94.82]</b>				
	05/13/09 18:38 CST		0	Hail (1.50 in)
	05/13/09 18:38 CST		0	Source: Public

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<b>CRAWFORD COUNTY --- 0.9 SE BRAZILTON [37.56, -94.96]</b>				
	05/13/09 19:40 CST		0	Hail (1.00 in)
	05/13/09 19:40 CST		0	Source: Law Enforcement
<b>CRAWFORD COUNTY --- MC CUNE [37.35, -95.02]</b>				
	05/13/09 20:06 CST		0	Hail (1.00 in)
	05/13/09 20:06 CST		0	Source: Law Enforcement
<b>CHEROKEE COUNTY --- 0.6 W COLUMBUS [37.17, -94.84]</b>				
	05/13/09 20:29 CST		0	Thunderstorm Wind (EG 52 kt)
	05/13/09 20:29 CST		0	Source: Amateur Radio
A trained spotter observed a 60 mph wind gust.				
<b>CHEROKEE COUNTY --- CRESTLINE [37.17, -94.70]</b>				
	05/13/09 20:48 CST		0	Hail (1.00 in)
	05/13/09 20:48 CST		0	Source: Amateur Radio
<b>CHEROKEE COUNTY --- 2.3 ENE KNIVETON [37.34, -94.63], 4.5 S GALENA [37.00, -94.63], 4.1 WSW MELROSE [37.00, -95.02], 5.6 NW WEST MINERAL [37.33, -95.00]</b>				
	05/13/09 21:35 CST		0	Flash Flood (due to Heavy Rain)
	05/13/09 23:30 CST		0	Source: Emergency Manager
Excessive rainfall caused flash flooding of several county roads and low water crossings.				
Thunderstorms developed over eastern Kansas. Large hail and damaging winds were frequent with these storms. However, the most significant and concentrated damage occurred from a tornado that impacted rural sections of western Bourbon County.				
<b>CRAWFORD COUNTY --- 0.9 SW GREENBUSH [37.51, -94.99]</b>				
	05/15/09 20:15 CST		0	Hail (0.88 in)
	05/15/09 20:15 CST		0	Source: Storm Chaser
<b>CHEROKEE COUNTY --- WEST MINERAL [37.28, -94.92]</b>				
	05/15/09 20:47 CST		0	Hail (0.88 in)
	05/15/09 20:47 CST		0	Source: Emergency Manager
A few storms became marginally severe over extreme southeast Kansas producing hail up to the size of nickels.				
<b>MISSOURI, Southwest</b>				
<b>GREENE COUNTY --- 1.0 ENE SPRINGFIELD [37.21, -93.28]</b>				
	05/01/09 00:01 CST		10K	Lightning
	05/01/09 00:01 CST		0	Source: Law Enforcement
A lightning stike caused a house to catch on fire.				
<b>GREENE COUNTY --- 1.1 W CODY [37.12, -93.14], 0.4 NE REPUBLIC [37.12, -93.47], 0.8 ESE WILLARD [37.29, -93.42], 0.8 WNW STRAFFORD GRN CO ARP [37.29, -93.13]</b>				
	05/01/09 00:03 CST		0	Flash Flood (due to Heavy Rain)
	05/01/09 04:00 CST		0	Source: Emergency Manager
Three to six inches of rain fell within a two hour duration across the eastern two thirds of Greene County. Widespread flash flooding resulted in several water rescues. The James River rapidly flooded low lying areas along its banks, while Wilson's Creek also exceeded flood stage.				
<b>WEBSTER COUNTY --- 1.1 SW COMPTON [37.22, -93.05], 0.9 SSW COMPTON [37.22, -93.04], 1.4 SSW COMPTON [37.21, -93.04], 1.5 SW COMPTON [37.21, -93.05]</b>				
	05/01/09 03:19 CST		0	Flash Flood (due to Heavy Rain)
	05/01/09 06:00 CST		0	Source: Emergency Manager

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Excessive rainfall caused flash flooding to occur over the intersection of Highway B and Panther Creek.				
<b>BARRY COUNTY --- 1.0 NNW CASSVILLE [36.69, -93.88], 1.4 NE CASSVILLE [36.69, -93.85], 0.4 NNE CASSVILLE FLDS ARPT [36.68, -93.83], 2.9 SSE CASSVILLE FLDS ARPT [36.64, -93.80], 4.3 E WASHBURN [36.58, -93.89], 0.7 WNW EXETER [36.67, -93.94]</b>				
	05/01/09 06:00 CST		10K	Flash Flood (due to Heavy Rain)
	05/01/09 08:00 CST		0	Source: Law Enforcement
Excessive rainfall produced flash flooding within the community of Cassville. One vehicle was swamped by the flooding and had to be pulled out by a wrecker. Other specific locations that experienced flooding included a section of Highway 76 near its intersection with Highway 112 along with a low water crossing three miles southeast of Cassville.				
<b>BARRY COUNTY --- 1.6 E CASSVILLE FLDS ARPT [36.68, -93.80], 1.9 E CASSVILLE FLDS ARPT [36.68, -93.80]</b>				
	05/01/09 06:05 CST		0	Thunderstorm Wind (EG 52 kt)
	05/01/09 06:05 CST		0	Source: Law Enforcement
Severe thunderstorm wind gusts knocked over a few trees along Farm Road 1150.				
<b>WRIGHT COUNTY --- 3.5 E DAWSON [37.24, -92.26], 3.9 E DAWSON [37.24, -92.25], 4.0 E DAWSON [37.24, -92.25], 3.5 ESE DAWSON [37.24, -92.26]</b>				
	05/01/09 06:30 CST		10K	Flash Flood (due to Heavy Rain)
	05/01/09 08:30 CST		0	Source: Law Enforcement
Beaver Creek flooded a section of Boulder Road. A water rescue was performed at this location as two occupants in a vehicle drove into the water and became stranded.				
<b>JASPER COUNTY --- REEDS [37.12, -94.17]</b>				
	05/01/09 06:48 CST		0	Hail (2.00 in)
	05/01/09 06:48 CST		0	Source: Post Office
<b>JASPER COUNTY --- 0.8 NNE REEDS [37.13, -94.17]</b>				
	05/01/09 07:10 CST		0	Thunderstorm Wind (EG 52 kt)
	05/01/09 07:10 CST		0	Source: Law Enforcement
A law enforcement officer observed 60 mph wind gusts.				
<b>JASPER COUNTY --- AVILLA [37.20, -94.13]</b>				
	05/01/09 07:10 CST		0	Hail (1.75 in)
	05/01/09 07:10 CST		0	Source: Law Enforcement
<b>LAWRENCE COUNTY --- 1.5 SSE OLINGER [37.25, -93.94]</b>				
	05/01/09 07:20 CST		0	Hail (1.75 in)
	05/01/09 07:20 CST		0	Source: Public
<b>LAWRENCE COUNTY --- 2.6 NW PHELPS [37.21, -93.95]</b>				
	05/01/09 07:23 CST		0	Hail (1.00 in)
	05/01/09 07:23 CST		0	Source: Law Enforcement
<b>JASPER COUNTY --- 0.6 E JOPLIN [37.08, -94.51]</b>				
	05/01/09 08:20 CST		0	Hail (1.00 in)
	05/01/09 08:20 CST		0	Source: Public
<b>NEWTON COUNTY --- 1.5 NNE REDINGS MILL [37.04, -94.51]</b>				
	05/01/09 08:20 CST		0	Hail (1.00 in)
	05/01/09 08:20 CST		0	Source: Public
<b>NEWTON COUNTY --- 1.5 NNE REDINGS MILL [37.04, -94.51]</b>				
	05/01/09 08:27 CST		0	Hail (1.75 in)
	05/01/09 08:27 CST		0	Source: Public
<b>NEWTON COUNTY --- 1.4 S SENECA [36.83, -94.60]</b>				

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	05/01/09 16:30 CST		0	Hail (1.75 in)
	05/01/09 16:30 CST		0	Source: Law Enforcement
<b>NEWTON COUNTY --- 1.4 S NEOSHO [36.85, -94.37]</b>				
	05/01/09 16:40 CST		0	Hail (1.75 in)
	05/01/09 16:40 CST		0	Source: Law Enforcement
<b>NEWTON COUNTY --- 1.4 S NEOSHO [36.85, -94.37]</b>				
	05/01/09 16:44 CST		0	Hail (1.00 in)
	05/01/09 16:44 CST		0	Source: Fire Department/Rescue
<b>BARRY COUNTY --- EAGLE ROCK [36.55, -93.75]</b>				
	05/01/09 17:33 CST		0	Hail (1.75 in)
	05/01/09 17:33 CST		0	Source: Law Enforcement
<b>BARRY COUNTY --- 3.2 SSE SHELL KNOB [36.59, -93.60]</b>				
	05/01/09 17:45 CST		0	Hail (0.88 in)
	05/01/09 17:45 CST		0	Source: Public
<b>BARRY COUNTY --- 3.8 SSE SHELL KNOB [36.58, -93.60]</b>				
	05/01/09 17:45 CST		0	Hail (0.88 in)
	05/01/09 17:45 CST		0	Source: Public
<b>NEWTON COUNTY --- 1.5 SSE REDINGS MILL [37.00, -94.51]</b>				
	05/01/09 18:10 CST		0	Hail (1.00 in)
	05/01/09 18:10 CST		0	Source: COOP Observer

A line of showers and thunderstorms approached the city of Springfield from the west. This line of storms produced three to six inches of rain over the city causing flash flooding leading to numerous water rescues. Additional thunderstorms developed across the rest of southern Missouri. A few of these storms became severe with wind gusts in excess of 60 mph and hail up to the size of golf balls.

<b>BARTON COUNTY --- 1.2 SSW MINDENMINES [37.47, -94.61], 2.7 SSW NEWPORT [37.49, -94.12]</b>				
	05/08/09 06:03 CST		4M	Thunderstorm Wind (EG 70 kt)
	05/08/09 06:45 CST		0	Source: NWS Storm Survey

Widespread structural, tree, and power pole damage occurred across the majority of Barton County. The city of Lamar was impacted the greatest with numerous structures sustaining roof damage. A storage building at a lumber store was completely destroyed while the Lamar High School sustained major roof damage, causing rain to flood the gymnasium. Over 2000 residences lost power throughout the county. The community of Liberal had numerous structures that sustained damage, while it was estimated that Golden City had approximately 12 homes with damage.

<b>JASPER COUNTY --- 0.8 W BELLE CENTER [37.10, -94.61], 2.7 N SARCOXIE [37.11, -94.11]</b>				
	05/08/09 06:03 CST		3M	Thunderstorm Wind (EG 78 kt)
	05/08/09 06:40 CST		0	Source: NWS Storm Survey

Sixty to 90 mph winds impacted nearly all of Jasper County. Damage to trees, structures, business signs, and power poles was widespread. The most significant damage occurred from winds knocking over a television tower at KSN TV on the west side of Joplin. This television tower fell into portions of the studio building, and caused the station to be off-air for several weeks. Part of the tower also fell on a nearby residence, destroying a vehicle and damaging a house. Thousands of Jasper County residences were left without power for several days. Several other homes were damaged from large trees falling on them. The Joplin Globe estimated that at least 2,000 homes had some roof damage and nearly 1500 trees were knocked over.

<b>NEWTON COUNTY --- 0.7 WSW SENECA [36.85, -94.61], 1.6 NE FAIRVIEW [36.84, -94.08]</b>				
	05/08/09 06:03 CST		3M	Thunderstorm Wind (EG 70 kt)
	05/08/09 06:38 CST		0	Source: Law Enforcement

Severe thunderstorm wind gusts ranging between 60 and 80 mph caused widespread damage to trees, power poles, and structures across much of Newton County. A roof was destroyed on a mobile home located near the intersection of Iris Road and Highway NN. Rain fell into the home, destroying the rest of the structure. In Diamond there were two businesses that had significant roof damage. The Dollar General Store in Neosho sustained roof damage and allowed water to enter the store. One building was destroyed at a fiberglass company in Neosho. A few thousand residences had lost power due to fallen power poles and lines.

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<b>BARRY COUNTY --- 6.0 W MONETT FRIEND ARPT [36.91, -94.13], 2.0 E OSA [36.92, -93.63]</b>				
	05/08/09 06:30 CST		4M	Thunderstorm Wind (EG 74 kt)
	05/08/09 07:00 CST		0	Source: Emergency Manager
Destroyed outbuildings, damage to roofs and other structures, downed trees, and knocked over power poles were all a result of 50 to 85 mph wind gusts that impacted almost all of Barry County. Monett was impacted the greatest as hundreds of structures sustained roof damage. Meanwhile several outbuildings west of Monett along Highway 60 were completely destroyed. There were also destroyed outbuildings along Highway 37 near the community of Purdy. A large roof was torn off of a storage facility that blocked a city street for several hours in Monett. The Gizmo's Event Center grandstand in Wheaton was heavily damaged, which caused heavy rain to destroy the interior of a banquet hall that was being constructed beneath the grandstand.				
<b>LAWRENCE COUNTY --- 4.5 SSW PLEW [37.14, -94.05], 3.0 S HALLTOWN [37.16, -93.63]</b>				
	05/08/09 06:30 CST		3M	Thunderstorm Wind (EG 74 kt)
	05/08/09 06:57 CST		0	Source: NWS Storm Survey
Sixty to 85 mph winds caused widespread wind damage across much of Lawrence County. Damage consisted of trees, power poles, structures, and business signs. Winds destroyed a garage along with several outbuildings in Round Grove, and three homes experienced roof and window damage in an area of intense tree damage. A few businesses in Mount Vernon experienced roof and window damage. One home in Miller was destroyed from winds estimated at 85 mph. In Pierce City, most of the city experienced power loss from damaged power lines and poles. Large trees were downed and blocked nearly one half dozen roads, while a roof was completely torn off of an auto shop on Commercial Street.				
<b>DADE COUNTY --- 4.2 W MEINERT [37.33, -94.08], 3.5 E EMMET [37.33, -93.64]</b>				
	05/08/09 06:38 CST		1M	Thunderstorm Wind (EG 74 kt)
	05/08/09 07:02 CST		0	Source: Law Enforcement
Sixty to 85 mph wind gusts created widespread damage to trees, power poles, and a few structures across much of Dade County. The southern half of the county was impacted the greatest, particularly in the community of Lockwood where numerous large trees were uprooted. Power line damage created power outages for residents of the community. There was also considerable tree and power pole damage in Greenfield as several city streets were blocked by debris. Power outages in Greenfield ranged from 24 to 48 hours.				
<b>CEDAR COUNTY --- 2.0 W JERICO SPGS [37.62, -94.06], 2.4 SE BEARCREEK [37.63, -93.63]</b>				
	05/08/09 06:50 CST		7M	Thunderstorm Wind (EG 70 kt)
	05/08/09 07:15 CST		0	Source: Emergency Manager
Fifty to 80 mph winds caused damage to trees, boat docks, and boats across southern and central Cedar County. The most significant damage occurred on Stockton Lake, where the State Park Marina, Orleans Trail Marina, and Mutton Creek Marina had expensive damage to docks and boats. The State Park Marina estimates that 1.2 million dollars of damage occurred to the wave wall protector. One boat broke away from a dock and became wedged underneath the dock. In the campgrounds, numerous trees were knocked over and one of the bath houses was destroyed. Several other outbuildings and numerous trees were damaged across the southern portion of the county.				
<b>VERNON COUNTY --- 1.9 SW RICHARDS [37.90, -94.59], 0.9 ENE WALKER [37.90, -94.24], 1.0 NNW SANDSTONE [37.78, -94.23], 0.9 ESE REO [37.80, -94.60]</b>				
	05/08/09 06:50 CST		0	Flash Flood (due to Heavy Rain)
	05/08/09 10:00 CST		0	Source: Law Enforcement
Two to four inches of rain created widespread flooding across much of Vernon County. Locations where flooding was observed included Nevada, sections of Highway 71, sections of Highway 54, and sections of several county roads.				
<b>CHRISTIAN COUNTY --- 1.5 W BILLINGS [37.07, -93.60], 2.0 NE ABADYL [37.07, -92.94]</b>				
	05/08/09 06:53 CST		7M	Thunderstorm Wind (EG 78 kt)
	05/08/09 07:35 CST		0	Source: NWS Storm Survey
Sixty to 90 mph winds created widespread damage to trees, structures, and power poles across much of the county. Roof damage to homes and businesses was significant in and around the communities of Billings, Nixa, Highlandville, and Ozark. Two mobile homes were heavily damaged in Highlandville from large trees falling on them. Several power poles were knocked over in Nixa, causing damage to some of the mobile units of the school district.				
<b>DADE COUNTY --- 1.8 E PILGRIM [37.37, -93.75], 3.2 NE PILGRIM [37.40, -93.73]</b>				
	05/08/09 06:53 CST		35K	Tornado (EF1, L: 1.90 mi, W: 100 yd)
	05/08/09 06:55 CST		0	Source: NWS Storm Survey
A National Weather Service storm survey revealed that an EF-1 tornado tracked across a rural section of southeast Dade County. The damage path was intermittent from just south of Fiddler's Ford to Carr Cemetery. The tornado damaged trees and outbuildings along its path.				

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<b>STONE COUNTY --- 1.2 W CRANE [36.90, -93.59], 3.0 SSE JAMESVILLE [36.93, -93.35]</b>				
	05/08/09 06:53 CST		0.50M	Thunderstorm Wind (EG 70 kt)
	05/08/09 07:11 CST		0	Source: Emergency Manager
Sixty to 80 mph winds impacted a widespread area of Stone County. These severe thunderstorm wind gusts downed thousands of trees, particularly in the northern half of the county. The only known structural damage from these winds occurred at the Branson West Wal-Mart. A two foot hole was ripped off the roof causing heavy rain to flow inside the store, damaging merchandise. Several roads were blocked from downed trees.				
<b>GREENE COUNTY --- 2.0 ENE PLANO [37.19, -93.59], 1.0 E STRAFFORD [37.27, -93.10]</b>				
	05/08/09 06:54 CST		15M	Thunderstorm Wind (EG 78 kt)
	05/08/09 07:31 CST	4	0	Source: NWS Storm Survey
Sixty to 90 mph winds caused widespread tree, power pole, and structural damage across much of Greene County. Major roof damage to schools included Willard North Elementary, Fair Grove High School, Ash Grove High School, Bois D' Arc Elementary, and Glendale High School. Four students were injured at Fair Grove High School as debris fell into the school while the roof was peeling off. Portions of the elementary and middle school were completely destroyed, along with some light poles on the baseball field. The Ebenezer fire station and fire trucks sustained major damage. Several billboards west of Springfield along Interstate 44 were destroyed. The Sam's Club on Highway 65 and Sunshine had a temporary wall that was peeled off of the building. The Willard High School baseball field had major damage to the press box and dugouts. At Fellows Lake, the marina was broken into three pieces, and jammed the boat docks up onto the boat ramp. Thousands of residences across Greene County lost power up to three days.				
<b>CEDAR COUNTY --- 0.8 ENE EL DORADO SPGS ARPT [37.86, -94.01], 2.3 ESE OSIRIS [37.66, -94.01], 3.6 S ARNICA [37.70, -93.71], 1.4 SE CAPLINGER MILLS [37.79, -93.80]</b>				
	05/08/09 07:00 CST		0	Flash Flood (due to Heavy Rain)
	05/08/09 11:00 CST		0	Source: Law Enforcement
Two to four inches of rain fell across Cedar County. Several county roads flooded during this episode. One particular area that experienced significant flash flooding was the intersection of Turkey Creek and Highway AA.				
<b>GREENE COUNTY --- 2.2 SW REPUBLIC [37.10, -93.51], 1.3 S REPUBLIC WESTPORT AR [37.13, -93.45]</b>				
	05/08/09 07:05 CST		1M	Tornado (EF1, L: 3.88 mi, W: 100 yd)
	05/08/09 07:09 CST		0	Source: Emergency Manager
The Republic Emergency Management Director visually spotted and tracked a tornado that touched down southwest of Republic and moved across the city. Approximately 50 structures were damaged. The heaviest damage appeared to be concentrated on Kristopher Street.				
<b>POLK COUNTY --- 0.6 SE KNOX [37.48, -93.61], 0.3 NNE TIN TOWN [37.45, -93.20]</b>				
	05/08/09 07:05 CST		7M	Thunderstorm Wind (EG 78 kt)
	05/08/09 07:40 CST	1	0	Source: NWS Storm Survey
Seventy to 90 mph winds caused massive damage across much of Polk County. The central and southern sections of the county was impacted the greatest. Hundreds of outbuildings were either heavily damaged or destroyed. The communities of Bolivar and Pleasant Hope experienced damage to several hundred structures. At Southwest Baptist University, a large tree fell on a car that was occupied by a student. The student was injured and transported to the hospital. The Marion C. Early High School gymnasium experienced significant damage. In Tin Town, a farm experienced significant damage to the home and all outbuildings.				
<b>TANEY COUNTY --- 2.7 WSW DAY [36.81, -93.28], 1.3 NNW MC CLURG [36.80, -92.78]</b>				
	05/08/09 07:10 CST		0.50M	Thunderstorm Wind (EG 70 kt)
	05/08/09 07:40 CST		0	Source: NWS Storm Survey
Fifty to 80 mph wind gusts downed thousands of trees across much of Taney County. The northern half of the county was impacted the greatest as structural damage occurred to a modular home in Forsyth from a large tree falling on the structure. Several power poles across the northern half of the county were downed and resulted in power outages.				
<b>GREENE COUNTY --- 1.2 NW (SGF)SPRINGFIELD ARP [37.26, -93.39], 1.9 NNE (SGF)SPRINGFIELD ARP [37.28, -93.36]</b>				
	05/08/09 07:14 CST		0.20M	Tornado (EF1, L: 1.76 mi, W: 75 yd)
	05/08/09 07:16 CST		0	Source: NWS Storm Survey
A National Weather Service storm survey revealed that an EF-1 tornado touched down in a field about one quarter of a mile west of the intersection of Willard Road and Farm Road 115. A house located along Farm Road 115 sustained heavy damage. A few outbuildings at the same location were destroyed. The tornado crossed Highway 160, and lifted approximately two miles south of Fantastic Caverns.				
<b>POLK COUNTY --- 1.9 NW BRIGHTON [37.47, -93.37], 2.8 W BURNS [37.60, -93.37]</b>				

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	05/08/09 07:16 CST		2M	Tornado (EF1, L: 8.61 mi , W: 250 yd)
	05/08/09 07:26 CST		0	Source: NWS Storm Survey

A National Weather Service storm survey revealed that an EF-1 tornado touched down approximately two miles northwest of Brighton, and tracked north across southern Polk County. The tornado lifted approximately two miles east southeast of Bolivar. The tornado damaged or destroyed several outbuildings and barns, and caused moderate to severe damage to frame homes. In addition, numerous trees were uprooted.

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### GREENE COUNTY --- 0.5 WNW EBENEZER [37.33, -93.33], 2.4 WNW HICKORY BARREN [37.36, -93.27]

05/08/09 07:21 CST	0.10M	Tornado (EF0, L: 3.54 mi , W: 100 yd)
05/08/09 07:25 CST	0	Source: NWS Storm Survey

A National Weather Service storm survey revealed that an EF-0 tornado touched down near the intersection of Highway 13 and Highway WW. The tornado tracked to the northeast over an intermittent path prior to lifting near the intersection of Highway H and Farm Road 148. The tornado damaged several outbuildings and trees along its path.

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### DALLAS COUNTY --- 0.2 NNW REDTOP [37.50, -93.15], 2.0 SE HANDLEY [37.51, -92.90]

05/08/09 07:25 CST	3M	Thunderstorm Wind (EG 74 kt)
05/08/09 08:00 CST	0	Source: Law Enforcement

Numerous outbuildings, trees, and power poles were damaged from 60 to 85 mph wind gusts. The greatest impact of these winds occurred over southern Dallas County. One newspaper stated that not a single hay barn across areas of southern Dallas County was fully intact. An Alltel tower was blown down approximately three miles south of Buffalo.

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### TANEY COUNTY --- 2.7 SE SWAN [36.78, -93.03], 3.9 ENE SWAN [36.81, -93.00]

05/08/09 07:25 CST	0.50M	Tornado (EF1, L: 2.76 mi , W: 150 yd)
05/08/09 07:28 CST	0	Source: Emergency Manager

A tornado touched down in rural sections of the county and caused damage to a home and numerous outbuildings on Essray Road. Intense tree damage also occurred as the tornado tracked into southeastern Christian County.

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### CHRISTIAN COUNTY --- 1.3 SSE GARRISON [36.81, -93.01], 6.8 ENE GARRISON [36.87, -92.91]

05/08/09 07:28 CST	2M	Tornado (EF1, L: 7.19 mi , W: 880 yd)
05/08/09 07:36 CST	0	Source: NWS Storm Survey

This tornado is an extension of the Taney County tornado. A National Weather Service storm survey revealed that an EF-1 tornado impacted extreme southeast Christian County. Wind speeds were estimated at 100 mph as the tornado damaged two homes, destroyed a few outbuildings, and downed numerous trees. The tornado eventually tracked into western Douglas County.

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### WEBSTER COUNTY --- 1.1 WSW CADDO [37.34, -93.07], 0.5 ESE RADER [37.47, -92.72]

05/08/09 07:29 CST	5M	Thunderstorm Wind (EG 74 kt)
05/08/09 07:57 CST	0	Source: Emergency Manager

Fifty to 85 mph wind gusts impacted nearly all of Webster County. Over 500 businesses and homes were damaged, meanwhile, hundreds of outbuildings were either damaged or destroyed. Tree damage was intense and widespread across all of the county. A communications tower owned by the Webster County Sheriff's Office was blown down near the community of Elkland. The ticket booth at Marshfield High School's football field along with the bus barn in Niangua were heavily damaged.

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### DOUGLAS COUNTY --- 1.0 NW ONGO [36.99, -92.89], 6.7 E TOPAZ [36.97, -92.10]

05/08/09 07:30 CST	5M	Thunderstorm Wind (EG 70 kt)
05/08/09 08:18 CST	0	Source: Emergency Manager

Sixty to 80 mph wind gusts swept across all of Douglas County causing widespread damage to trees, outbuildings, and power poles. Several shops, barns, and other farm related outbuildings were destroyed across the county. In Ava, damage mainly consisted of a few roofs that had minor damage. Communities within the county that were impacted the greatest include Pansy, Goodhope, and Redbank.

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### ST. CLAIR COUNTY --- 0.8 ENE ROSCOE [37.97, -93.81], 1.6 E VISTA [37.98, -93.65], 2.8 SE DAMASCUS [38.09, -93.65], 3.8 E CHALK LEVEL [38.09, -93.75]

05/08/09 07:30 CST	0	Flash Flood (due to Heavy Rain)
05/08/09 11:30 CST	0	Source: Law Enforcement

One to three inches of rain caused flooding of small streams and creeks. One particular stream that experienced significant flooding was Brush Creek. This creek flooded a section of Highway J.

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### DOUGLAS COUNTY --- 2.5 SW MERRITT [36.88, -92.91], 0.6 S MERRITT [36.89, -92.87]

## Storm Data and Unusual Weather Phenomena - May 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/08/09 07:36 CST		0.10M	Tornado (EF1, L: 2.31 mi , W: 880 yd)
	05/08/09 07:38 CST		0	Source: NWS Storm Survey

This tornado is an extension of the Christian County tornado. A National Weather Service storm survey revealed that an EF-1 tornado tracked into southwest Douglas County. Trees and a few outbuildings were damaged from the tornado.

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<b>WEBSTER COUNTY --- 1.5 SE FORDLAND [37.16, -92.93], 1.1 N DIGGINS [37.19, -92.87]</b>				
	05/08/09 07:38 CST		50K	Tornado (EF1, L: 3.77 mi , W: 400 yd)
	05/08/09 07:41 CST		0	Source: NWS Storm Survey

A National Weather Service storm survey revealed that an EF-1 tornado touched down near Highway 60 approximately one mile east of Fordland, and tracked northeast to near Diggins Road. The tornado damaged a delivery truck, a roof off the Memory Lane Dairy Farm, several trees, and an outbuilding on Diggins Road.

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<b>DOUGLAS COUNTY --- 1.1 N MERRITT [36.92, -92.87], 2.9 WNW GOODHOPE [36.94, -92.84]</b>				
	05/08/09 07:39 CST		0.20M	Tornado (EF2, L: 2.30 mi , W: 1320 yd)
	05/08/09 07:41 CST		0	Source: NWS Storm Survey

A National Weather Service storm survey revealed that an EF-2 tornado with winds up to 130 mph touched down approximately one mile north of Merritt. The tornado tracked northeast along a two and a half mile path before lifting northwest of Goodhope. The tornado damaged two homes, several outbuildings, and numerous trees.

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<b>DOUGLAS COUNTY --- 1.9 WSW GOODHOPE [36.91, -92.83], 1.3 NNW GOODHOPE [36.94, -92.81]</b>				
	05/08/09 07:39 CST		20K	Tornado (EF2, L: 2.48 mi , W: 880 yd)
	05/08/09 07:41 CST		0	Source: NWS Storm Survey

A National Weather Service storm survey revealed that an EF-2 tornado touched down two miles west of Goodhope and tracked northeast for about two and a half miles. The tornado tore a roof off of a home along with damaging numerous trees.

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<b>HICKORY COUNTY --- 0.5 SSW CROSS TIMBERS [38.02, -93.23], 0.4 SE PRESTON [37.93, -93.22], 1.9 NW GALMAY [37.92, -93.40], 4.8 NNE WHEATLAND [38.01, -93.38]</b>				
	05/08/09 07:40 CST		0	Flash Flood (due to Heavy Rain)
	05/08/09 11:30 CST		0	Source: Law Enforcement

Two to four inches of rain fell over Hickory County. Several low lying county roads flooded. A couple of specific locations that flooded included the intersection of Starkes Creek and Highway P and a section of Highway D south of Preston.

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<b>DALLAS COUNTY --- 1.4 ESE MARCH [37.52, -93.05], 1.5 NE SPRING GROVE [37.57, -93.01]</b>				
	05/08/09 07:41 CST		2M	Tornado (EF2, L: 4.25 mi , W: 400 yd)
	05/08/09 07:45 CST	2	0	Source: NWS Storm Survey

A National Weather Service storm survey revealed that an EF-2 tornado touched down two miles west of Charity and tracked northeast over an intermittent path. The tornado destroyed three frame homes and numerous outbuildings. One indirect fatality and another injury resulted from this tornado. A man and his wife were both injured when their house was destroyed. He later died from a heart attack while being transported to the hospital.

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<b>OZARK COUNTY --- 0.5 W LONGRUN [36.65, -92.73], 6.3 ESE TOCCOA [36.71, -92.13]</b>				
	05/08/09 07:41 CST		3M	Thunderstorm Wind (EG 70 kt)
	05/08/09 08:16 CST		0	Source: Law Enforcement

Sixty to 80 mph wind gusts impacted much of Ozark County. The northern half of the county experienced the greatest damage, mainly in the form of uprooted trees. A few outbuildings were also damaged. The Ozark County Times, a newspaper in Gainesville, stated that thousands of trees were damaged. Power poles were also impacted, knocking out power to 2,300 residences and businesses. There were also a few outbuildings in Theodosia and Isabella that were completely destroyed.

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<b>DOUGLAS COUNTY --- 0.6 SSE MT ZION [37.01, -92.67], 1.1 ENE MT ZION [37.02, -92.65]</b>				
	05/08/09 07:48 CST		50K	Tornado (EF1, L: 1.13 mi , W: 200 yd)
	05/08/09 07:49 CST		0	Source: NWS Storm Survey

A National Weather Service storm survey revealed that an EF-1 tornado touched down near Mt. Zion and tracked about one mile to the northeast. The tornado caused minor home damage, destroyed a barn, and uprooted several trees.

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<b>OZARK COUNTY --- 1.9 ENE TOLEDO [36.78, -92.64], 2.1 SW WASOLA [36.78, -92.61]</b>				
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## Storm Data and Unusual Weather Phenomena - May 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/08/09 07:48 CST		0.20M	Tornado (EF1, L: 1.65 mi , W: 440 yd)
	05/08/09 07:50 CST		0	Source: NWS Storm Survey

A National Weather Service storm survey revealed that an EF-1 tornado impacted a rural section of northwest Ozark County. The tornado destroyed seven outbuildings and damaged three houses. Tree damage was intense, particularly near the intersection of County Road 950 and County Road 955.

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### WRIGHT COUNTY --- 3.2 WNW GROVESPRING [37.42, -92.67], 0.5 SSE EMBREE [37.41, -92.27]

05/08/09 07:51 CST	3K	Thunderstorm Wind (EG 74 kt)
05/08/09 08:18 CST	0	Source: NWS Storm Survey

Sixty to 90 mph wind gusts caused widespread damage to trees, power poles, outbuildings, homes, and businesses across all of Wright County. The community of Mansfield was impacted the greatest, as power outages from downed utility lines and poles lasted for up to three days. Numerous homes experienced roof damage. Mansfield Building Company experienced heavy damage, while the roof on the Norwood post office peeled away.

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### LACLEDE COUNTY --- 0.9 NNW CONWAY [37.51, -92.84], 0.5 NNE LYNCHBURG [37.51, -92.29]

05/08/09 07:53 CST	1M	Thunderstorm Wind (EG 70 kt)
05/08/09 08:25 CST	0	Source: NWS Storm Survey

Widespread wind damage occurred across central and southern Laclede County. Trees, outbuildings, and power poles were the primary items that were damaged. In Conway, several homes experienced minor roof damage. Rural areas south of Lebanon experienced the most intense wind speeds. In Lebanon, a few trees were knocked over, however, structural damage was minimal.

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### CAMDEN COUNTY --- 0.6 SW BARNUMTON [38.11, -92.94], 2.3 NNW DAMSEL [38.15, -92.70], 1.4 NNE SUNRISE BEACH [38.20, -92.77], 1.3 ENE LAKE OZARKS WEST [38.18, -92.91]

05/08/09 08:00 CST	0	Flash Flood (due to Heavy Rain)
05/08/09 12:00 CST	0	Source: Law Enforcement

Rainfall amounts of two to four inches flooded several areas of Camden County. Two specific locations that flooded include a section of Highway 7 southeast of Barnumton and a section of Highway BB one mile south of Montreal.

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### LACLEDE COUNTY --- 3.0 SW DOVE [37.75, -92.74], 1.1 NE SLEEPER [37.76, -92.58], 3.6 ENE RUSS [37.60, -92.54], 1.8 NE PHILLIPSBURG [37.57, -92.77]

05/08/09 08:00 CST	0.10M	Flash Flood (due to Heavy Rain)
05/08/09 12:00 CST	0	Source: NWS Storm Survey

A National Weather Service storm survey revealed that significant flash flooding occurred across much of Laclede County. Several county roads, low water crossings, and drainage culverts were washed out.

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### WRIGHT COUNTY --- 2.7 S LORING [37.29, -92.59], 1.1 ENE BOYER [37.32, -92.53]

05/08/09 08:07 CST	50K	Tornado (EF1, L: 3.75 mi , W: 440 yd)
05/08/09 08:10 CST	0	Source: NWS Storm Survey

A National Weather Service storm survey revealed that an EF-1 tornado with 90 to 100 mph winds occurred four miles northwest of Hartville. The tornado destroyed several outbuildings and uprooted numerous trees.

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### HOWELL COUNTY --- 2.1 S CRIDER [36.72, -92.10], 3.2 SSW FANCHON [36.75, -91.71]

05/08/09 08:16 CST	3M	Thunderstorm Wind (EG 70 kt)
05/08/09 08:40 CST	0	Source: NWS Storm Survey

Sixty to 80 mph winds impacted central and northern Howell County. Damage to trees, power poles, and a few outbuildings were observed. The city of West Plains only sustained minor damage to a few roofs, meanwhile, areas in and around Willow Springs and Mountain View experienced extensive tree and structural damage.

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### TEXAS COUNTY --- 0.8 WNW PLATO [37.50, -92.24], 4.5 SSE MAPLES [37.52, -91.77]

05/08/09 08:16 CST	0.50M	Thunderstorm Wind (EG 74 kt)
05/08/09 08:43 CST	0	Source: NWS Storm Survey

Sixty to 85 mph winds impacted most of Texas County. Thousands of trees were damaged along with more than 200 power poles that were destroyed. Nearly 10,000 power outages were estimated by Intercounty Electric. Numerous outbuildings were either damaged or destroyed. In Gladden, recovery crews worked 15 hours straight to remove storm debris along a one mile stretch of a county road. Hundreds of structures in the community of Licking were damaged. A pavillion structure at the Old City Park was completely flattened by a large tree. Several mobile homes at the Green Acres mobile home park were crushed by downed large trees.

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### TEXAS COUNTY --- 2.8 S DUNN [37.11, -92.19], 1.6 N CABOOL ARPT [37.15, -92.08]

## Storm Data and Unusual Weather Phenomena - May 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/08/09 08:19 CST		50K	Tornado (EF0, L: 6.85 mi , W: 200 yd)
	05/08/09 08:25 CST		0	Source: NWS Storm Survey

A National Weather Service storm survey revealed that an EF-0 tornado tracked across rural sections of southwest Texas County . The tornado damaged several outbuildings, while significant tree damage also occurred.

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### PULASKI COUNTY --- 2.2 SE GREENVIEW [37.63, -92.24], 2.8 E BIG PINEY [37.67, -92.05]

05/08/09 08:20 CST	10K	Thunderstorm Wind (EG 70 kt)
05/08/09 08:50 CST	0	Source: Law Enforcement

Fifty to 80 mph winds impacted mainly the southern half of Pulaski County. Far southern Pulaski County, which is primarily less populated and rural, experienced the greatest tree damage. A few power poles were also damaged resulting in power outages .

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### LACLEDE COUNTY --- 4.3 ESE JONES LEBANON ARPT [37.63, -92.55], 4.7 E JONES LEBANON ARPT [37.66, -92.55]

05/08/09 08:25 CST	0.50M	Tornado (EF2, L: 2.00 mi , W: 440 yd)
05/08/09 08:27 CST	0	Source: NWS Storm Survey

A National Weather Service storm survey revealed that an EF-2 tornado touched down near the small community of Oakland. This tornado damaged numerous outbuildings and destroyed a mobile home.

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### HOWELL COUNTY --- 1.0 NNW OLDEN [36.88, -91.93], 2.2 NE OLDEN [36.89, -91.89]

05/08/09 08:28 CST	0.50M	Tornado (EF3, L: 2.17 mi , W: 800 yd)
05/08/09 08:30 CST	0	Source: NWS Storm Survey

A National Weather Service storm survey revealed that an EF-3 tornado impacted a rural area just north of Pomona. The tornado destroyed a frame home. Several cars were thrown 50 yards while two school buses were knocked over. One mobile home and one travel trailer were destroyed, and two outbuildings along with an auto shop were destroyed.

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### HOWELL COUNTY --- 1.5 NW TRASK [37.00, -91.82], 3.5 N MOUNTAIN VIEW [37.05, -91.71]

05/08/09 08:35 CST	2M	Tornado (EF2, L: 6.88 mi , W: 880 yd)
05/08/09 08:41 CST	0	Source: NWS Storm Survey

A National Weather Service storm survey revealed that an EF-2 tornado tracked across rural sections of northern Howell County. The tornado damaged several homes and outbuildings. Numerous trees were also uprooted from the tornado. This tornado continued into southeastern Texas County .

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### HOWELL COUNTY --- 3.9 NW WHITE CHURCH [36.89, -91.83], 2.4 ESE MOUNTAIN VIEW [36.99, -91.68]

05/08/09 08:35 CST	0.50M	Tornado (EF1, L: 10.75 mi , W: 880 yd)
05/08/09 08:44 CST	0	Source: NWS Storm Survey

A National Weather Service storm survey revealed that an EF-1 tornado tracked across rural sections of northeast Howell County. The tornado damaged a few homes along with uprooting numerous trees.

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### OREGON COUNTY --- 3.1 NW ROVER [36.75, -91.66], 3.8 ENE WILDERNESS [36.80, -91.14]

05/08/09 08:40 CST	1M	Thunderstorm Wind (EG 70 kt)
05/08/09 09:06 CST	0	Source: Law Enforcement

Sixty to 80 mph wind gusts impacted all of Oregon County. Significant tree damage was observed countywide, while numerous outbuildings and homes sustained damage. It was relayed to the National Weather Service that several homes in the community of Koshkonong had windows that were blown out . Roof damage was widespread in all communities of Oregon County.

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### PULASKI COUNTY --- 0.9 N WAYNESVILLE [37.84, -92.20], 0.8 SW DEVILS ELBOW [37.84, -92.08], 1.3 SSE BIG PINEY [37.65, -92.09], 3.4 WNW PALACE [37.64, -92.21]

05/08/09 08:40 CST	0	Flash Flood (due to Heavy Rain)
05/08/09 13:00 CST	0	Source: Other Federal Agency

Two to four inches of rain caused flash flooding over sections of Fort Leonard Wood.

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### SHANNON COUNTY --- 8.3 W ANGELINE [37.17, -91.62], 2.9 ENE MUNSETT [37.14, -91.28]

05/08/09 08:40 CST	3M	Thunderstorm Wind (EG 70 kt)
05/08/09 09:05 CST	0	Source: NWS Storm Survey

## Storm Data and Unusual Weather Phenomena - May 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Sixty to 85 mph winds caused intense damage to trees, power poles, and structures over much of Shannon County. This damage was widespread, and impacted almost all communities within the county. The Missouri Department of Conservation estimated that nearly 13 million dollars of damage occurred to forest land, some of which was due to tornadoes. Hundreds if not thousands of structures sustained some type of damage. A sawmill was destroyed with only one wall left standing near the intersection of Highway 19 and Highway D.				
<b>TEXAS COUNTY --- 2.6 SSE DENT [37.50, -91.95], 2.1 NW LICKING [37.52, -91.90]</b>				
	05/08/09 08:40 CST		25K	Tornado (EF1, L: 3.55 mi , W: 440 yd)
	05/08/09 08:44 CST		0	Source: NWS Storm Survey
A National Weather Service storm survey revealed that an EF-1 tornado impacted a section of northeast Texas County. The tornado removed a roof from a mobile home and destroyed a barn. Numerous trees were also uprooted.				
<b>TEXAS COUNTY --- 4.1 SSW PINE CREST [37.05, -91.71], 1.6 SSE PINE CREST [37.08, -91.65]</b>				
	05/08/09 08:41 CST		0.50M	Tornado (EF0, L: 3.61 mi , W: 880 yd)
	05/08/09 08:44 CST	2	0	Source: NWS Storm Survey
This tornado is a continuation of the Howell County tornado. A National Weather Service storm survey revealed that an EF-2 tornado entered southeastern Texas County from northern Howell County. The tornado tracked across rural portions of southeastern Texas County, destroying one home and several outbuildings. Two injuries occurred to the residents of the home. Numerous trees were snapped or uprooted. The tornado eventually tracked into west central Shannon County.				
<b>DENT COUNTY --- 1.3 ENE COULSTONE [37.52, -91.75], 3.9 SE MAX [37.54, -91.32]</b>				
	05/08/09 08:42 CST		1M	Thunderstorm Wind (EG 70 kt)
	05/08/09 09:10 CST		0	Source: Law Enforcement
Fifty to 80 mph winds swept across mainly southern sections of Dent County. Thousands of trees were damaged, while power poles were also impacted leaving hundreds of residences without power. Several outbuildings and homes also experienced damage. Montauk State Park observed significant tree damage with an extended period of power outage. The community of Salem experienced significant tree and power pole damage.				
<b>SHANNON COUNTY --- 2.1 N BLUE SPGS [37.08, -91.65], 1.8 NE EMINENCE ARPT [37.20, -91.38]</b>				
	05/08/09 08:44 CST		50K	Tornado (EF2, L: 17.40 mi , W: 880 yd)
	05/08/09 09:00 CST		13M	Source: NWS Storm Survey
This tornado is a continuation of the southeastern Texas County tornado. A National Weather Service storm survey revealed that an EF-2 tornado entered rural west central Shannon County from southeastern Texas County. This tornado tracked across forested areas of west central and central Shannon County, uprooting and snapping numerous trees. The Missouri Department of Conservation announced that the tornado and other high winds from this event resulted in \$13M of damage to trees. The tornado also damaged a sawmill along its path.				
<b>MARIES COUNTY --- 1.1 W BRINKTOWN [38.13, -92.10], 0.3 SSW (VIH)ROLLA/VICHY ARP [38.13, -91.77], 1.5 SE SUMMERFIELD [38.27, -91.78], 5.4 ENE VAN CLEVE [38.26, -92.08]</b>				
	05/08/09 09:00 CST		25K	Flash Flood (due to Heavy Rain)
	05/08/09 13:00 CST		0	Source: Emergency Manager
Two to four inches of rain fell over Maries County that resulted in widespread flooding of county roads. Several roads, low water crossings, and culverts were washed out.				
<b>OREGON COUNTY --- 1.2 ESE THAYER [36.51, -91.53], 1.6 ENE MYRTLE [36.51, -91.24], 3.0 NW RIVERTON [36.68, -91.23], 6.2 ESE ROVER [36.69, -91.52]</b>				
	05/08/09 09:00 CST		0	Flash Flood (due to Heavy Rain)
	05/08/09 13:00 CST		0	Source: Law Enforcement
Three to six inches of rain fell over the southern half of Oregon County. This excessive rain resulted in significant flash flooding of creeks, rivers, and streams. Numerous low water crossings became impassable to motorists. Meanwhile, a section of Highway 19 between Alton and Thayer was impassable from Fredrick Creek.				
<b>BARRY COUNTY --- 125.3 ENE OSA [37.77, -91.65], 138.5 ENE OSA [37.77, -91.39], 133.8 ENE SCHOLTEN [37.60, -91.39], 122.0 ENE OSA [37.62, -91.63]</b>				
	05/08/09 09:10 CST		0	Flash Flood (due to Heavy Rain)
	05/08/09 13:00 CST		0	Source: Law Enforcement
Significant flash flooding of low lying roads resulted from one to four inches of rain that fell over Dent County. The northern section of the county experienced the heaviest rainfall, particularly near the community of Sligo.				
<b>An intense squall line impacted extreme southeast Kansas and the Missouri Ozarks with mainly damaging winds. However, 19 tornadoes along with large hail was also observed. Due to the straight line nature of the winds, damage was widespread and intense.</b>				

## Storm Data and Unusual Weather Phenomena - May 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>(MO-Z077) BARTON, (MO-Z079) POLK, (MO-Z080) DALLAS, (MO-Z081) LACLEDE, (MO-Z088) JASPER, (MO-Z090) GREENE, (MO-Z091) WEBSTER, (MO-Z094) LAWRENCE, (MO-Z095) CHRISTIAN, (MO-Z102) BARRY</b>				
	05/08/09 07:40 CST		0	High Wind (MAX 70 kt)
	05/08/09 09:45 CST		0	
<b>Strong and damaging winds developed in the wake of an intense squall line. These non thunderstorm winds reached gusts to 90 mph resulting in damage to trees, power lines, and some structures. It was too difficult to determine what damage occurred from thunderstorm winds compared to the wake low winds. Therefore all damage estimates were documented under thunderstorm winds.</b>				
<b>BARRY COUNTY --- PURDY [36.82, -93.92]</b>				
	05/13/09 10:08 CST		20K	Thunderstorm Wind (EG 65 kt)
	05/13/09 10:08 CST		0	Source: Emergency Manager
Thunderstorm wind gusts tore a roof off of a home.				
<b>DOUGLAS COUNTY --- 1.3 ENE AVA MUNI MEML ARPT [36.98, -92.66]</b>				
	05/13/09 10:43 CST		0	Thunderstorm Wind (EG 50 kt)
	05/13/09 10:43 CST		0	Source: Emergency Manager
Thunderstorm wind gusts knocked over a tree.				
<b>WRIGHT COUNTY --- 3.1 ESE ODIN [37.25, -92.58]</b>				
	05/13/09 11:14 CST		0	Hail (1.25 in)
	05/13/09 11:14 CST		0	Source: Amateur Radio
<b>WRIGHT COUNTY --- 0.9 SW FUSON [37.32, -92.51]</b>				
	05/13/09 11:21 CST		0	Hail (1.25 in)
	05/13/09 11:21 CST		0	Source: Trained Spotter
<b>TEXAS COUNTY --- 1.5 SSE EVENING SHADE [37.56, -92.14]</b>				
	05/13/09 12:10 CST		0	Hail (1.00 in)
	05/13/09 12:10 CST		0	Source: Emergency Manager
<b>DENT COUNTY --- 0.6 E ANUTT [37.72, -91.72]</b>				
	05/13/09 12:37 CST		0	Hail (0.88 in)
	05/13/09 12:37 CST		0	Source: Broadcast Media
<b>VERNON COUNTY --- 4.2 N ARCADIA [37.73, -94.59]</b>				
	05/13/09 19:19 CST		0	Hail (1.00 in)
	05/13/09 19:19 CST		0	Source: Law Enforcement
<b>VERNON COUNTY --- 4.2 N ARCADIA [37.73, -94.59]</b>				
	05/13/09 19:19 CST		0	Thunderstorm Wind (EG 61 kt)
	05/13/09 19:19 CST		0	Source: Law Enforcement
A trained spotter estimated 70 mph wind gusts.				
<b>VERNON COUNTY --- 3.4 SE MOUNDVILLE [37.74, -94.42]</b>				
	05/13/09 19:25 CST		0	Thunderstorm Wind (EG 50 kt)
	05/13/09 19:25 CST		0	Source: Emergency Manager
Numerous trees were knocked over from thunderstorm wind gusts.				
<b>VERNON COUNTY --- 1.1 E MOUNDVILLE [37.77, -94.45]</b>				
	05/13/09 19:32 CST		0	Thunderstorm Wind (EG 60 kt)
	05/13/09 19:32 CST		0	Source: Law Enforcement
Thunderstorm wind gusts knocked over a few trees.				
<b>BARTON COUNTY --- 3.5 N MILFORD [37.63, -94.16], 3.6 NNE MILFORD [37.63, -94.15]</b>				

## Storm Data and Unusual Weather Phenomena - May 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/13/09 19:55 CST		0	Funnel Cloud
	05/13/09 19:55 CST		0	Source: Emergency Manager

A large funnel cloud was observed by trained spotters just north of Milford near the Barton and Vernon county line.

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### BARTON COUNTY --- 0.6 E MILFORD [37.58, -94.16]

05/13/09 20:20 CST	0	Hail (1.00 in)
05/13/09 20:20 CST	0	Source: Emergency Manager

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### BARTON COUNTY --- 0.9 SE NASHVILLE [37.37, -94.49]

05/13/09 20:39 CST	0	Hail (1.00 in)
05/13/09 20:39 CST	0	Source: Emergency Manager

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### BARTON COUNTY --- 0.9 SE NASHVILLE [37.37, -94.49]

05/13/09 20:39 CST	0	Thunderstorm Wind (EG 61 kt)
05/13/09 20:39 CST	0	Source: Emergency Manager

A spotter estimated 70 mph wind gusts.

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### BARTON COUNTY --- 0.9 NW OSKALOOSA [37.64, -94.61], 5.5 NE MILFORD [37.63, -94.09], 2.5 S GOLDEN CITY [37.36, -94.10], 6.0 W NASHVILLE [37.38, -94.61]

05/13/09 20:42 CST	0	Flash Flood (due to Heavy Rain)
05/13/09 22:00 CST	0	Source: Emergency Manager

Excessive rainfall caused flash flooding of several county roads widespread across the county.

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### DADE COUNTY --- 0.6 E GREENFIELD [37.42, -93.84]

05/13/09 20:43 CST	0	Thunderstorm Wind (EG 60 kt)
05/13/09 20:43 CST	0	Source: COOP Observer

A COOP observer estimated 70 mph wind gusts.

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### DADE COUNTY --- 0.9 NE SYLVANIA [37.51, -94.02], 0.8 N SYLVANIA [37.51, -94.03], 0.4 NNE SYLVANIA [37.51, -94.03], 0.7 NE SYLVANIA [37.51, -94.02]

05/13/09 20:50 CST	0	Flash Flood (due to Heavy Rain)
05/13/09 22:30 CST	0	Source: Law Enforcement

Excessive rainfall caused flash flooding along several sections of Highway E and Highway D.

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### JASPER COUNTY --- 0.9 SE ASBURY [37.27, -94.61]

05/13/09 20:59 CST	0	Thunderstorm Wind (EG 52 kt)
05/13/09 20:59 CST	0	Source: Law Enforcement

Severe thunderstorm wind gusts knocked over several trees and tree limbs.

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### JASPER COUNTY --- CARL JCT [37.18, -94.57]

05/13/09 21:02 CST	0	Hail (0.75 in)
05/13/09 21:02 CST	0	Source: Public

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### NEWTON COUNTY --- 3.1 WNW HORNET [36.99, -94.60]

05/13/09 21:21 CST	0	Hail (0.88 in)
05/13/09 21:21 CST	0	Source: Law Enforcement

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### POLK COUNTY --- 0.9 SE PLEASANT HOPE [37.46, -93.27]

05/13/09 21:33 CST	0	Hail (0.88 in)
05/13/09 21:33 CST	0	Source: Amateur Radio

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### NEWTON COUNTY --- NEOSHO [36.87, -94.37]

05/13/09 21:36 CST	0	Thunderstorm Wind (EG 53 kt)
05/13/09 21:36 CST	0	Source: Trained Spotter

## Storm Data and Unusual Weather Phenomena - May 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A trained spotter observed a 61 mph wind gust.				
<b>GREENE COUNTY --- 1.6 E ELWOOD [37.23, -93.40]</b>				
	05/13/09 21:45 CST		0	Thunderstorm Wind (EG 57 kt)
	05/13/09 21:45 CST		0	Source: ASOS
The Springfield Automated Surface Observing System measured a 66 mph wind gust.				
<b>GREENE COUNTY --- 0.6 E SPRINGFIELD [37.20, -93.29]</b>				
	05/13/09 21:59 CST		5K	Thunderstorm Wind (EG 50 kt)
	05/13/09 21:59 CST		0	Source: Emergency Manager
Power poles were knocked down from severe thunderstorm wind gusts near the intersection of Highway 65 and Sunshine.				
<b>GREENE COUNTY --- 0.3 NNW LANGSTON [37.18, -93.23], 0.7 ESE MUMFORD [37.18, -93.21]</b>				
	05/13/09 22:03 CST		0	Funnel Cloud
	05/13/09 22:03 CST		0	Source: Emergency Manager
Trained spotters observed a funnel cloud near the intersection of Highway 65 and Sunshine.				
<b>MCDONALD COUNTY --- 2.4 SSW CYCLONE [36.59, -94.29]</b>				
	05/13/09 22:04 CST		0	Thunderstorm Wind (EG 50 kt)
	05/13/09 22:04 CST		0	Source: Law Enforcement
Severe thunderstorm wind gusts downed a few trees.				
<b>BARRY COUNTY --- PURDY [36.82, -93.92]</b>				
	05/13/09 22:08 CST		10K	Thunderstorm Wind (EG 70 kt)
	05/13/09 22:08 CST	1	0	Source: Law Enforcement
A microburst destroyed a mobile home. One injury resulted from this wind damage.				
<b>WEBSTER COUNTY --- 0.6 E ROGERSVILLE [37.12, -93.06]</b>				
	05/13/09 22:13 CST		10K	Thunderstorm Wind (EG 50 kt)
	05/13/09 22:13 CST		0	Source: Broadcast Media
Large trees and power poles were knocked down from severe thunderstorm wind gusts.				
<b>MCDONALD COUNTY --- 3.5 S KLONDIKE [36.67, -94.61]</b>				
	05/13/09 22:16 CST		0	Thunderstorm Wind (EG 52 kt)
	05/13/09 22:16 CST		0	Source: Fire Department/Rescue
Trained spotters observed 60 mph wind gusts.				
<b>MCDONALD COUNTY --- 0.6 W ANDERSON [36.65, -94.44]</b>				
	05/13/09 22:20 CST		5K	Thunderstorm Wind (EG 50 kt)
	05/13/09 22:20 CST		0	Source: Law Enforcement
Thunderstorm wind gusts knocked over some power poles.				
<b>MCDONALD COUNTY --- 3.1 WSW PLAINVIEW [36.65, -94.35]</b>				
	05/13/09 22:20 CST		0	Thunderstorm Wind (EG 50 kt)
	05/13/09 22:20 CST		0	Source: Law Enforcement
Thunderstorm wind gusts knocked over a large tree across the road causing a vehicle accident.				
<b>WEBSTER COUNTY --- 2.8 WSW OLGA [37.09, -92.97]</b>				
	05/13/09 22:20 CST		0	Thunderstorm Wind (EG 50 kt)
	05/13/09 22:20 CST		0	Source: Trained Spotter
Several tree limbs were knocked down across Highway U from severe thunderstorm wind gusts.				

## Storm Data and Unusual Weather Phenomena - May 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MCDONALD COUNTY --- 2.4 SSW CYCLONE [36.59, -94.29]</b>				
	05/13/09 22:25 CST		60K	Thunderstorm Wind (EG 50 kt)
	05/13/09 22:25 CST		0	Source: Law Enforcement
A home was destroyed from a large tree falling into the house.				
<b>MCDONALD COUNTY --- 0.6 ENE HAVENHURST [36.58, -94.37]</b>				
	05/13/09 22:30 CST		0	Thunderstorm Wind (EG 50 kt)
	05/13/09 22:30 CST		0	Source: Emergency Manager
Thunderstorm wind gusts downed a large tree across Highway K east of Pineville.				
<b>DOUGLAS COUNTY --- 0.6 W AVA [36.95, -92.66]</b>				
	05/13/09 23:01 CST		20K	Lightning
	05/13/09 23:01 CST		0	Source: Emergency Manager
A barn caught on fire and burned to the ground from a lightning strike.				
<b>SHANNON COUNTY --- 1.9 N AKERS [37.41, -91.57]</b>				
	05/13/09 23:20 CST		0	Thunderstorm Wind (EG 50 kt)
	05/13/09 23:20 CST		0	Source: COOP Observer
Thunderstorm wind gusts knocked over five trees along Highway K.				
<b>TANEY COUNTY --- 0.6 W PROTEM [36.53, -92.86]</b>				
	05/13/09 23:38 CST		0	Thunderstorm Wind (EG 61 kt)
	05/13/09 23:38 CST		0	Source: Amateur Radio
A spotter observed a 60 mph wind gust.				
<b>Showers and thunderstorms developed across eastern Kansas and southern Missouri. Large hail and damaging winds were the primary severe hazards with these storms. Eventually these storms developed into a squall line near the Highway 13 corridor, and produced wind damage in various locations east of Highway 13. Perhaps the most significant damage from these storms occurred in the form of a microburst near the community of Purdy. One mobile home was destroyed resulting in an injury.</b>				
<b>ST. CLAIR COUNTY --- 3.3 W OSCEOLA [38.05, -93.76]</b>				
	05/15/09 19:30 CST		20K	Thunderstorm Wind (EG 52 kt)
	05/15/09 19:30 CST		0	Source: Emergency Manager
Severe thunderstorm wind gusts downed power poles and numerous trees across much of the county.				
<b>VERNON COUNTY --- 2.1 SSE DEERFIELD [37.80, -94.51], 2.6 S DEERFIELD [37.79, -94.51], 2.4 S DEERFIELD [37.80, -94.52], 1.9 S DEERFIELD [37.80, -94.52]</b>				
	05/15/09 20:23 CST		0	Flash Flood (due to Heavy Rain)
	05/15/09 23:00 CST		0	Source: Department of Highways
Dry Wood Creek flooded a section of Highway KK.				
<b>BARTON COUNTY --- 1.4 S KENOMA [37.41, -94.20]</b>				
	05/15/09 21:04 CST		0	Hail (0.88 in)
	05/15/09 21:04 CST		0	Source: Trained Spotter
<b>ST. CLAIR COUNTY --- 4.9 SW PAPE [37.91, -94.02], 0.4 SSW APPLETON CITY [38.20, -94.03], 6.0 NNW ICONIUM [38.20, -93.61], 3.0 W GERSTER [37.94, -93.63]</b>				
	05/15/09 21:14 CST		0	Flash Flood (due to Heavy Rain)
	05/15/09 23:30 CST		0	Source: Emergency Manager
Excessive rainfall caused widespread flooding across low lying county roads and numerous low water crossings.				
<b>STONE COUNTY --- 1.0 NNW BLUE EYE [36.51, -93.41]</b>				

## Storm Data and Unusual Weather Phenomena - May 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/15/09 23:10 CST		2K	Thunderstorm Wind (EG 55 kt)
	05/15/09 23:10 CST		0	Source: Emergency Manager

Thunderstorm wind gusts knocked over a tree and a power line just north of the intersection of Highway 86 and Kiwi.

**Thunderstorms developed over southeast Kansas and southwest Missouri. Large hail, damaging winds, and minor flooding resulted.**

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<b>GREENE COUNTY --- 2.7 NNE BOIS D ARC [37.29, -93.50], 2.0 ESE NICHOLS [37.21, -93.33], 1.9 S WILDWOOD ESTATES [37.09, -93.25], 1.9 WSW REPUBLIC [37.11, -93.51]</b>				
	05/23/09 13:00 CST		0	Flash Flood (due to Heavy Rain)
	05/23/09 16:00 CST		0	Source: County Official

Excessive rainfall caused flash flooding over portions of west Springfield primarily within low lying areas along Wilson's Creek.

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<b>MCDONALD COUNTY --- 0.6 W ANDERSON [36.65, -94.44]</b>				
	05/23/09 15:18 CST		25K	Thunderstorm Wind (EG 65 kt)
	05/23/09 15:18 CST		0	Source: Law Enforcement

Severe thunderstorm wind gusts destroyed the press box at the McDonald County High School football facility. The press box was blown into the bleachers as it tore into pieces.

**Thunderstorms developed over southwest Missouri producing one occurrence of damaging wind, pea size hail, and localized flooding. The greatest impact occurred at the McDonald County High School football field. The press box was destroyed by thunderstorm wind gusts, and knocked into the bleachers.**

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<b>BARRY COUNTY --- 0.6 W SELIGMAN [36.52, -93.94]</b>				
	05/24/09 16:40 CST		5K	Thunderstorm Wind (EG 61 kt)
	05/24/09 16:40 CST		0	Source: Emergency Manager

Severe thunderstorm wind gusts knocked over trees, power poles, and damaged a garage.

**An isolated severe thunderstorm produced damaging wind gusts in the community of Seligman. A few trees and power poles were knocked down along with damage to a garage.**

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<b>MILLER COUNTY --- 3.1 WNW WEST AURORA [38.34, -92.65], 1.5 WSW BAGNELL [38.22, -92.62], 3.4 ENE BAGNELL [38.25, -92.54], 1.6 SE AURORA SPGS [38.31, -92.56]</b>				
	05/25/09 17:25 CST		0	Flash Flood (due to Heavy Rain)
	05/25/09 20:30 CST		0	Source: Law Enforcement

Excessive rainfall in excess of three inches occurred over western sections of Miller County. The communities of Lakeland, Lakeview, Lakeside, and Bagnell were impacted the greatest with flash flooding of roads and low water crossings. A couple of specific locations that flooded included the intersection of Highway W and Lakeland Road along with a section of Blue Spring Drive at its intersection with the Little Gravois Creek.

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<b>MORGAN COUNTY --- 4.7 SSW ROCKY MT [38.23, -92.72], 3.6 WSW BARNETT [38.35, -92.73], 1.4 N ZWANZIG [38.35, -92.93], 4.8 SSW GRAVOIS MILLS ARPT [38.20, -92.84]</b>				
	05/25/09 17:30 CST		0	Flash Flood (due to Heavy Rain)
	05/25/09 20:30 CST		0	Source: Law Enforcement

Two to six inches of rain fell over portions of Morgan County. The southeast section of the county was impacted the greatest with flash flooding of creeks and small streams. Several roads and low water crossings became impassable to motorists. Specific locations that flooded included sections of Cactus Road, sections of Red Arrow Road, and low water crossings along Lake Roads 516 and 518.

**Thunderstorms producing heavy rain caused flash flooding across much of Morgan and Miller counties. Two to six inches fell within this area of heavy rain mainly impacting roads and low water crossings.**

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<b>CHRISTIAN COUNTY --- 1.7 E RIVERDALE [37.00, -93.25]</b>				
	05/26/09 13:20 CST		0	Thunderstorm Wind (EG 56 kt)
	05/26/09 13:20 CST		0	Source: Emergency Manager

Severe thunderstorm wind gusts from a storm that acquired a bow echo configuration on radar knocked over a large tree across Tennessee Road near its intersection with Highway F.

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<b>CHRISTIAN COUNTY --- 0.9 SW OZARK [37.01, -93.23]</b>				
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## Storm Data and Unusual Weather Phenomena - May 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/26/09 13:22 CST		0	Thunderstorm Wind (EG 65 kt)
	05/26/09 13:22 CST		0	Source: Emergency Manager

Severe thunderstorm wind gusts downed a tree along 20th Street in the Finley River Park in Ozark.

**A thunderstorm that bowed out over central and northern Christian County produced damaging winds in excess of 60 mph knocking over two large trees.**

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### PHELPS COUNTY --- EDGAR SPGS [37.70, -91.87]

05/27/09 14:52 CST	0	Hail (1.00 in)
05/27/09 14:52 CST	0	Source: Public

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### PHELPS COUNTY --- EDGAR SPGS [37.70, -91.87]

05/27/09 15:11 CST	0	Hail (0.75 in)
05/27/09 15:11 CST	0	Source: Law Enforcement

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### PHELPS COUNTY --- 1.1 NE YANCY MILLS [37.79, -91.83]

05/27/09 16:15 CST	0	Thunderstorm Wind (EG 52 kt)
05/27/09 16:15 CST	0	Source: County Official

Severe thunderstorm wind gusts knocked over a large tree near the intersection of Highway 63 and County Road 6020.

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### MARIES COUNTY --- 3.1 S VICHY [38.07, -91.75], 3.5 S VICHY [38.07, -91.75], 3.8 S VICHY [38.07, -91.76], 3.1 S VICHY [38.08, -91.76]

05/27/09 18:30 CST	0	Flash Flood (due to Heavy Rain)
05/27/09 21:30 CST	0	Source: Law Enforcement

A small tributary of the Bourbeuse River flooded a section of Highway P just east of its intersection with Highway 63.

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### PHELPS COUNTY --- 2.7 WNW ROYAL [38.15, -91.62], 3.0 ENE ROYAL [38.15, -91.53], 5.1 ENE ZION HILL [37.95, -91.54], 2.2 NNE ZION HILL [37.96, -91.62]

05/27/09 18:30 CST	0	Flash Flood (due to Heavy Rain)
05/27/09 21:30 CST	0	Source: Law Enforcement

Excessive rain cause flooding across portions of Phelps County. Two to six inches of rainfall caused several county roads and low water crossings to become impassable to motorists. The community of St. James and surrounding areas was impacted the most. A section of Highway 68 near St. James had over a foot of water running over the road.

**A marginally severe thunderstorm impacted Phelps County and Maries County with large hail and damaging winds. Flash flooding also resulted from two to five inches of rain.**